

## Consistent production of phenolic compounds by *Penicillium brevicompactum* for chemotaxonomic characterization - DTU Orbit (08/11/2017)

### Consistent production of phenolic compounds by *Penicillium brevicompactum* for chemotaxonomic characterization

A consistently produced group of fungal secondary metabolites from *Penicillium brevicompactum* has been purified and identified as the Raistrick phenols. These compounds are shown to exist separately as an equilibrium mixture in aqueous solutions. The Raistrick phenols have all been included in the metabolite profile of *P. brevicompactum*. By means of thin layer chromatography-scanning and high performance liquid chromatography-UV diode array detection, the chromatographic and spectroscopic data can be used in the chemotaxonomic characterization of the fungus.

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